



# LARC



Volume 57, Number 1

ACADIANA AMATEUR RADIO ASSOC., INC.

January 2017

## President's Message

by Eric Credeur - KG5JHP

As we all take notice of the New Year, one of the first things that come to mind are New Year's resolutions. For some, resolutions are a very serious matter whereas others easily let them fall to wayside. What's important is that their existence indicates an internal desire to better ourselves in some way. As a club, it's important that we also take time to create resolutions (goals) for the coming year to steer our efforts.

So, how do we make the club better? What types of goals should we set? Well, the easiest way to answer those questions would be to consider what we have to offer as a member of the club. Ask yourself, "What skills do I have?". Each and every one of us has a special talent or gift that could benefit others. Once you identify that talent imagine ways in which you could apply them for the betterment of our community.

Another place to focus would be our own experiences within the club. I'm sure we can easily identify both positive and not so positive encounters. Pull from those experiences and identify ways in which we could help new hams transition, or improve the overall atmosphere of the club.

(continued on page 3 column 2)

## Vice President's Message

Well, this is nearly the end of the year and time to consider our plans for the new year. We have had several requests from our new hams for ideas on antennas that work well on the HF and VHF bands. We had several presentations in the past on antennas and will have Paul Scallan's K5VSH short paper that is an overview of HF antenna types at the January meeting. Later in the year we may have a club project to build a working HF antenna if that works out. A good place to evaluate antenna types for club members occurs each year at our Field Day where these antennas are set up and used.

Another topic which is of value to new and old hams alike is how to identify and reduce noise problems in typical ham stations. We hope to have one or two sessions next year to address this issue. We could use someone to make that presentation and ask that those of you who have had field experience in eliminating or reducing troublesome noise problems to write up a short problem description and solution to your particular noise war story. Send in any to me and I will try to get them into our presentation. Radio noise will usually fall into one of the following categories.

1. Internal receiver noise. (semiconductor noise, inter-modulation, non-linear components)
2. External natural noise. (lightning, cosmic rays, sun/star noise)
3. External man-made noise. (power lines, motors, household electronics, computers, lighting, etc.)
4. Interfering transmitted noise. (amateur radio, AM/FM broadcast, radar, WIFI, etc.)

Noise abatement consists in identifying these noise sources and eliminating them, one at a time. Most hams who have worked to reduce their noise have found that eliminating the larger contributors to their noise problem allows them to identify other noise sources and eliminate them as well. One well known method to make immediate progress is to use a directive antenna array which increases the signal in a desired direction and reduces it in most other directions.

Over the years I have found useful information on the internet that give ways to detect and identify potential noise sources. The ARRL has some good information at these sites including scope traces and audio files:

<http://www.arrl.org/sounds-of-rfi>

<http://radio.n0gw.net/radio10.pdf>

<http://www.arrl.org/files/file/Technology/pdf/ExternalNoiseHandbook.pdf>

Hoping everyone had a Merry Christmas & Happy New Year!

Larry LeBlanc KE5KJD

## AARA GENERAL MEETING

Thursday, January 5, 2017 @ 7:00 PM at the Lafayette Science Museum, 433 Jefferson St., Lafayette, Louisiana. Enter the double glass doors on E. Congress St. & Polk St.

Board Meeting @ 6:00 PM VE Testing @ 6:00 PM

This would be a good time to pay your 2017 AARA membership dues.

**DATES TO REMEMBER****GENERAL MEETING**

January 5, 2017 @ 7:00 PM  
 Lafayette Science Museum  
 433 Jefferson St. Lafayette, LA  
 VE Testing @ 6:00 PM  
<http://www.w5ddl.org/clubsite/>

**Local 2-Meter Nets****Monday**

AARA Monday Night Net 7:00 PM  
 Repeater Rotation - See calendar on page 7

**Tuesday**

Acadiana ARES Net 7:00 PM  
 145.370 - PL 103.5 Lafayette, LA

**Wednesday**

Silent Key Memorial Net  
 145.410 No PL New Iberia, LA

**Thursday**

Youth Net 7:00 PM  
 146.820 - PL 103.5 Lafayette, LA

**DECEMBER 2016 AARA GENERAL MEETING MINUTES**

The December 2016 General meeting (AARA Christmas Banquet was held at the Golden Corral on Thursday December 1<sup>st</sup> at 6:00 PM.

- Larry KE5KJD opened the meeting by a prayer and blessing of the food.
- The Pledge of Allegiance was recited by all and Sandy KE5KJF recited the Pledge in Cajun French.

This being a non-business meeting, we just enjoyed the food and fellowship with each

We did have one problem, the AARA had made prior arrangements for the meeting room three weeks earlier and re-confirmed the day before but our room was assigned to another group which upset some of our members.

We had 36 in attendance and door prize winners were:

Karen KE5RPI, Galen KF5BET, and Nick K5QXJ.

Submitted by:  
 Ramona KG5HNO  
 AARA Secretary

**PHOTOS OF AARA CHRISTMAS BANQUET**

Photos by Larry LeBlanc KE5KJD

**AARA OFFICERS 2015 - 2016**

**President** - Eric Credeur KG5JHP  
[eric@ericcredeur.com](mailto:eric@ericcredeur.com)

**Vice Pres.** - Larry LeBlanc KE5KJD

**Secretary** - Ramona Jobe KG5HNO

**Treasurer** - Tom Dischler W5OHJ

**BOARD MEMBERS**

Glen Thibodeaux KF5FNP

Ric Wallace KF5KEL

Archie Hill W5AG

Kendra Wilson KF5FYS

**QSL MANAGER**

Roland Guidry - NA5Q

**NEWSLETTER EDITOR & PUBLIC INFORMATION OFFICER**

Herman Campbell - KN5GRK  
 337-234-5364 [kn5grk@lusfiber.net](mailto:kn5grk@lusfiber.net)

**AARA REPEATER GROUP**

Charlie Morrison N5WE - Trustee  
 Derek Meche WM5TS  
 Dave Redfern N4ELM  
 Glen Thibodeaux KF5FNP

**LCARC DELEGATES**

Fred Marshall W5MLE  
 Glen Thibodeaux KF5FNP

The **LARC** is published monthly by the:

**Acadiana Amateur Radio Association**

P. O. Box 51174

Lafayette, Louisiana 70505-1174



**HAPPY**  
**2017**  
**NEW YEAR!**





## ORANGE HAMFEST 2017

Hosted by:  
**Orange Amateur Radio Club**  
 and  
**Jefferson County Amateur Club**  
<http://www.qsl.net/w5nd/>  
 The Orange Hamfest is an ARRL sanctioned event.

**WHEN:** Saturday, February 25th, 2017

**TIME:** 7:30 AM to 2:00 PM

**WHERE:** Orange County Convention & Expo Center @ 11475 FM 1442  
 Orange, Texas 77632

(Coordinates: 30 07.28N & 093 52.92W or 30.1244,-93.8922)

**ADMISSION:** \$8.00 per person - Age 12 or under free.

**DEALER TABLES:** \$15.00 each

**FLEA MARKET TABLES:** \$15.00 each

**TAILGATE:** Free - limited space in tailgate area.

### Event Schedule and Fees:

6:00AM - Setup, Dealers & Tailgating

7:30AM — Hamfest opens for flea market, dealers & tailgating

10:00 AM — VE testing in Meeting Room #2

8:00 AM-12:00 Noon —Programs & Forums

1:30 PM - Grand Prize Drawings

2:00 PM—Close

### 2017 Grand Prizes:

Kenwood TS-590SG HF radio

Kenwood TM-V71A 2M/440 dual band mobile

Kenwood TH-F6A 2M/220/440 HT

Comet CAA-500 Mk II Antenna analyzer

The tickets for the Grand Prize and door prizes are: \$1.00 each or 6 for \$5.00, 12 for \$10.00, etc. The Grand Prizes will be drawn at 1:30 p.m. You **NEED NOT BE PRESENT** for the Grand Prize drawings. You **MUST BE PRESENT** for all door prize drawings. Door Prize tickets will be put back in for The Grand Prize Drawings.

### VE Testing

VE testing will start at 10:00 A.M Saturday, 25th. No Pre-registering. Bring the original and a copy of your current FCC License and any C.S.C. E's, and Government photo I.D. \$15.00 testing fee. Prefer cash. We will have the latest forms available.

### 2017 PROGRAMS and FORUMS SCHEDULES

8:00AM - 8:55AM - TBD

9:00AM - 9:55AM - Remote Control (R/C) Model planes

10:00AM - 10:55AM - Using CHIRP to program your HT

11:00AM - 11:55AM - ARRL Forums

### VENDORS Confirmed to be at Orange Hamfest

Main Trading Company <http://www.mtradio.com/>

Palmetto Antennas <http://www.palmettoantennas.com/>

### HAMFEST SPONSORS



<http://www.n3fjp.com>

Serving the Amateur Radio community with contesting and general logging software since 1997.

## AARA 2017 MEMBERSHIP

The AARA 2017 membership drive is now on. If you have not paid your dues, now is the time to get it done. You can do it by two ways, attend our general meeting and pick up a application or go to our website at: **w5ddl.org** click on the "Membership Application" link and download a .PDF copy, print a copy, fill it out and mail it to the address listed on the application. Make sure you fill it out completely.

If we have not received your 2017 dues by March 15, 2017, you will be removed from our club roster and member e-mail reflector and placed on the non-member e-mail reflector.

### President' Message

(continued from page 1 column 1)

Lastly, take a moment to think about which parts of ham radio interest you the most. Once you've identified a topic, share what you've learned with fellow hams. Maybe consider doing a presentation during one of our general meetings.

One of the most important parts of settings goals is sharing them with others. Exchanging ideas encourages collaboration which then allows others to contribute and turn an idea into reality. Sharing your ideas and goals for the club is easy. Just speak to a board member, send me an email, or speak up during one of the general meetings or nets.

Even though you may feel as though you have nothing to offer the club, just show up! Attending an event or gathering makes a world of difference. It provides camaraderie, as well as a chance to learn through new experiences.

I hope everyone has an amazing 2017 and I'm looking forward to working with each of you in the coming year.

73 de Eric KG5JHP



## 36<sup>th</sup> Annual Hammond Hamfest

Saturday, January 21, 2017

**Location:** PENNINGTON STUDENT ACTIVITY CENTER  
1350 North General Pershing Street  
Hammond, LA.

ON CAMPUS OF SOUTHEASTERN LA UNIVERSITY AT INTERSECTION OF UNIVERSITY AVENUE & NORTH GENERAL PERSHING STREET (Take Exit 32 from I-55, Go East 1.5 Miles on University Avenue to North General Pershing Street)

**For More Info Contact:** Mike Ansolve KF5JSO [mikekf5jso@gmail.com](mailto:mikekf5jso@gmail.com)

**Admission & Parking:** FREE !!!

**Time:** Doors Open 8:00 AM - Main Prize Drawings 1:30 PM

**VE Testing:** 8:00 AM Room 108 - Test Fee \$15 cash, photo ID, copy of license or CSCE.

TYRONE BURNS VE Liason, [n5xes@arrl.net](mailto:n5xes@arrl.net)

**Swap Tables:** \$15.00 each - Down load application at:

<http://www.selarc.org/Hamfesttables.htm>

Contact Table Manager David Muller W5NPV or Any SELARC Officer!!!

### Dealers & Vendors

Palmetto Antennas - MCM Computers - JMR Sales - Landry's Guns - Gifts4HAMS - LA Radio - HamWorld Inc.

Download Dealer/Vender application at:

<http://www.selarc.org/Vendorapplication.htm>

### Forum Schedule (Room 107)

09:00 - 10:00 AM.....TBA

10:00 - 11:00 AM..... TBA

11:00 - 12:00 Noon... TBA

12:15 PM -?..... TBA

### \*\*\* Main Prize Drawings \*\*\*

**Grand Prize**—Yaesu FT-891 Transceiver

**Second Prize**—Icom ID5100A D-Star Transceiver

**Third Prize**—Astron RS-35M Power Supply w/Meters

13.8V DC, 25 Amps continuous 35 Amps surge current

### \*\*\* Hourly Prize Drawings \*\*\*

Baofeng UV-5R Dual Band Handheld

### SELARC Repeaters

147.000 (-600) WB5NET PL 107.2

145.130 (-600) WB5NET PL 107.2

444.250 (+5) WB5NET PL 107.2

## 36<sup>th</sup> Annual Hammond Hamfest Website:

<http://www.selarc.org/selarchamfest.htm>

## Delta Update December 16, 2016

Is cooperative amateur enforcement coming to an FCC near you?

The ARRL Board and HQ staff are currently working on improving the Official Observer (OO) program. As it stands now, we are having some productive conversations with the FCC as to how the OO program, constituting the Amateur Auxiliary, can better serve the FCC and its investigative needs in amateur enforcement matters. Changes may be coming down the pike and it looks like a win-win for both the FCC and U.S. radio amateurs. In the revamped program, OO's could take a more direct and active investigative role in assisting the FCC. New materials will be developed for the program and some new OO training if and when this comes to fruition. Let's see what 2017 and new FCC leadership holds. Hope springs eternal. QRX!

### FCC Special Counsel Laura Smith Says Amateur Enforcement Will Be Aggressive

FCC Special Counsel Laura Smith told a standing-room-only audience at the ARRL Pacific Division Convention (Pacificon) in October that, despite FCC cutbacks, Amateur Radio enforcement will not be compromised. Smith spoke for nearly an hour and a half on a variety of FCC issues related to Amateur Radio, and the entire presentation is available on YouTube, thanks to Bob Miller, WB6KWT, and his son Robert, KA7JKP, who recorded the forum.

<https://www.youtube.com/watch?v=DZIP4OUfEt8>

"And now we welcome the new year. Full of things that have never been."

- Rainer Maria Rilke



# Largest Hamfest on Gulf Coast!!

## 57<sup>th</sup> ACADIANA HAMFEST 2017

### ARRL LOUISIANA STATE CONVENTION

*Sponsored by: Acadiana Amateur Radio Association, Inc.*

Friday March 10<sup>th</sup> - 3:00 pm - 8:00 pm & Saturday March 11<sup>th</sup> - 8:00 am - 3:00 pm, 2016  
 Rayne, Louisiana - Admission \$8.00 - Talk-in: W5DDL 146.820 (pl 103.5) EchoLink Node: 370324  
 Overnight Security provided by Rayne PD  
 Friday: 6:30 PM Crawfish Boil (Pre-register only) - 7:00 PM Fais-Do-Do with Cajun Music  
 Admission \$8.00 at the door.



## CONFIRMED MANUFACTURERS & FACTORY REPRESENTATIVES:

**KENWOOD**

**ELECRAFT**

**EXPERT LINEARS**  
America LLC

**MFJ**



### LADIES BINGO

By John NØJA  
**Saturday only**  
 Starts 8:30 am to Noon

### CARD CHECKING

10:00 to 11:00 AM - Go to Hamfest  
 website Schedule bottom for guidelines.

### TABLES

Swap Tables: \$10.00 each - Flea  
 Market (Craft) tables: \$20.00 each.  
 See website for downloadable forms.

### FORUMS (Saturday Only)

ARRL - TBA  
 ARES - Scott Wren KD5DFL  
 LOUISIANA CONTEST CLUB  
 LA Council of Radio Clubs  
 AMSAT - Check website for updates.  
 SKYWARN - Check website for updates.

■ Go Kit Displays  
 along with discussion.

■ QRP / Factory & Home  
 Built Rig Displays with Q&A

### VE TESTING (Saturday Only)

0900 ARRL VE Testing – By Greg K5LFT  
 (Please bring copies of FCC License, Photo ID & CSCE's  
 plus \$15.00 cash or check. - no copy machine on

### RADIO TESTING TABLE AVAIL- ABLE

WATTMETER - DUMMY LOAD - POWER  
 SUPPLY  
 You can buy with confidence at our Hamfest - No  
 DOA Radios

**Host Hotel:** Best Western Rayne Inn, 337-334-  
 0060 (call hotel directly for these rates see map on  
 website).

Mention "AARA Hamfest" and get Special Room  
 Rate \$74.99 for King Bed & \$82.49 for Double Queen.

## CONFIRMED DEALERS:

- MAIN TRADING COMPANY
- FRANK KRIZE (SURPLUS TUBES & PARTS)
- SIGN MAN OF BATON ROUGE
- BE READY SOLAR

More to come as we  
 near Hamfest date.

Check Website for Directions & Updates at: <http://www.w5ddl.org/hamfest/>



**Ham Radio**  
 in the 21st Century







## DECEMBER 2016 VE TEST RESULTS

A total of ten persons of about thirty that had signed up for the General License classes held at the Lafayette Science Museum on December 6, 2016. Of those ten, only four obtained their General Class License, those four were:

KG5HNP - Chris LeBlanc of Lafayette, LA  
 KG5OUL - Daryl Courvelle of Opelousas, LA  
 KG5OUH - Bill Decker of Lafayette, LA  
 KG5JHR - David McCutcheon of Lafayette, LA

VE's during the test session were:

Greg Dolan K5LFT, Galen Wilson KF5BET, Ric Wallace KF5KEL and Dave Redfearn N4ELM

The following Technicians had not cleared the FCC data base as per November 27, 2016 and were not listed in the December issue of the LARC newsletter.

Raymond Domingue of Rayne, LA. passed his Technician and received call KG5QKH.

Gary L. Hurston of Lafayette, LA. passed his Technician test and received call KG5QKG.

Joseph D. Meaux, Jr. of Lafayette, LA. passed his Technician test and received call KG5QKF.

Dillard Ortego of Eunice, LA. passed his Technician test and received call KG5QKE.

The AARA would like to thank our local ARRL VEC coordinator Greg Dolan II - K5LFT and his assistants for all the hard work and time they have spent over the last year to supervise our test sessions. THANKS GUYS!



## Kids Day is Saturday, January 7, 2017

The first Saturday in January is Kids Day — the time to get youngsters on the air to share in the joy and fun that Amateur Radio can provide.

Kids Day gets under way on Saturday, January 7, at 1800 UTC and concludes at 2359 UTC. Sponsored by the Boring (Oregon) Amateur Radio Club, this event has a simple exchange, suitable for younger operators: First name, age, location, and favorite color. After that, the contact can be as long or as short as each participant prefers.

Kids Day is the perfect opportunity to open your shack door and invite kids over to see what Amateur Radio has to offer. Details are on the ARRL web-site. <http://www.arrl.org/kids-day>

## Boy Scout Winter Camp 2016

by Archie Hill W5AG



The AARA was active again this past year teaching the radio merit badge course at the Lost Bayou Boy Scout Camp winter session held just before the Thanksgiving holiday, November 19-22, 2016.

Archie Hill W5AG brought his VHF radio with flexible j-pole and also used his Icom 730 on 40 meters. The portable antenna for 40m included a dipole made from

two hamsticks mounted about 20 ft using a mast put together from 44" fiberglass sections. This year the radios were powered using two 6v golf batteries in series

This was the 5th year that Archie used the Powerpoint presentations prepared by Kris Wotipka KD5QYV.

The scouts made their required contacts mostly with the help of Larry LeBlanc KE5KJD who made QSOs from home using EchoLink to talk to scouts through the Pineville Repeater. A few contacts were also made on 40m with the help of hams on various daytime SSB nets.

Scouts who completed the course included: Jack H. and Rex E. (Trp 56), Phoenix L. and Dawson S. (Trp 133), Harrison D. (Trp 205), Christopher C. (Trp 870), Drew M. (Trp 85), Nicholas V. (Trp 144), and Knox V. (Trp 446).

The course was taught at the "BMX" Bicycle Course metal building which was shared this year with a special class teaching safety on all-terrain vehicles. The seven 4-wheelers donated by the Polaris company provided much fun for the scouts enrolled in that safety class.



**DECEMBER 2016 AREA 2 METER NET REPORTS**

NET	SESSIONS:	TOTAL CHECK-INS:	TOTAL TRAFFIC:	TOTAL TIME: Minutes	Net Manager
AARA Monday Night Net	4	63	Ø	107	KE5HSY Linda
Acadiana ARES Net	4	58	Ø	123	KN5GRK Herman
Silent Key Memorial Net	4	46	Ø	49	KG5HNO Ramona
Youth Thursday Night Net	3	49	Ø	107	KF5BEW Abbi KF5FYS Kendra

There are no secrets to success. It is the result of preparation, hard work, and learning from failure.  
- Colin Powell

**AARA Monday Night 2 Meter Net Rotation**

Linda Breaux KE5HSY is the new AARA Monday Night Manager and she will be setting up the net rotation in the future. Each Monday will have a rotating NCS as listed below. Here is the January 2017 rotation list.

DATE:	TIME:	REPEATER:	PL TONE:	NCS
01/02/2017	7:00 PM	443.000 W5DDL	103.5	Danny KD5JSM
01/09/2017	7:00 PM	146.820 W5DDL	103.5	Paul N5KNY
01/16/2017	7:00 PM	145.410 Lydia	NONE	Eric KG5JHP
01/23/2017	7:00 PM	147.150 W5OPL	103.5	Chris KG5MCY
01/30/2017	7:00 PM	147.040 W5EXI	103.5	Glenn KD5NVC

When using the SkyWarn 145.370 repeater, be sure to use the receiver PL Tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 - SW Quadrant 141.3 - SE Quadrant 94.8.

The January 2017 schedule can be downloaded and printed in Adobe Acrobat .PDF from the club website at:

<http://www.w5ddl.org/clubsite/news/htm>

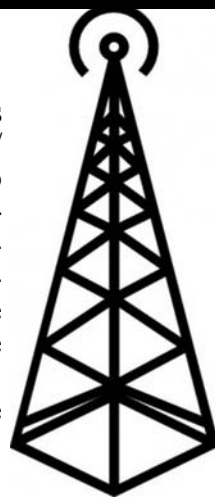
**GET INVOLVED!**

Many of the newer licensed amateur radio operators probably received one of the inexpensive Chinese VHF/UHF handi-talkies for Christmas. So now is the time to get it programmed for the local repeaters and start checking in on the nets. This will help some of you to overcome "mike fright" which I am sure everyone experiences at one time or another. Once you do this, become part of the net. Talk about your daily experiences, maybe volunteer to be a net control on some of the nets.

You can find a calendar with listings for the Lafayette Parish area with repeater frequencies and times at:

<http://www.w5ddl.org/clubsite/news.htm>

Join in the fun, put your new/old radio to work, we think you will enjoy this wonderful hobby. Also, attend our monthly General Meetings, meet new friends. We are all one BIG family.

**UPCOMING BIRTHDAYS**

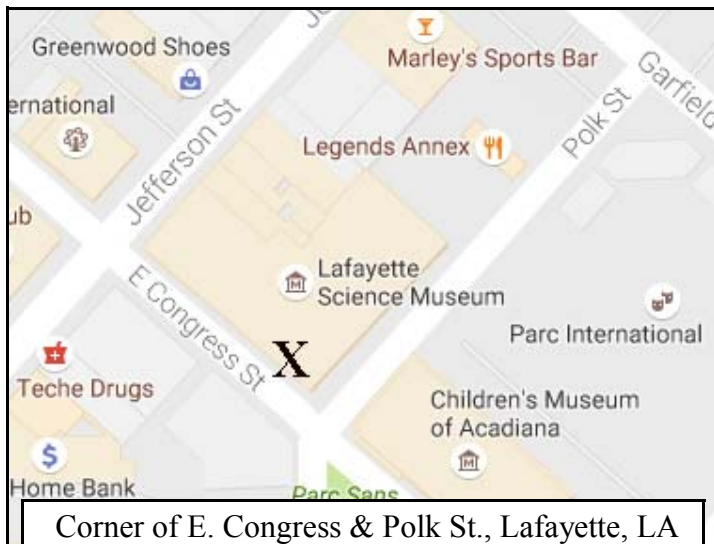
1/1	K5QXJ	NICK
1/3	KE5UPM	AL
1/3	N5AUO	BARBARA
1/4	KB5WI	WESTON
1/5	W5AG	ARCHIE
1/6	N5KNY	PAUL
1/15	KG5MKY	WILLIAM
1/16	K5CLE	CHARLES
1/22	NZ5O	KEVIN
1/22	K5IVR	BOB
1/23	KG5JTA	OWEN
1/24	N5OB	DAVE
1/26	KG5MCY	CHRIS
2/3	N5NVP	JIM

Some members failed to put their birthdays on their applications for renewal / membership causing some names to be missing from the list.





**Acadiana Amateur Radio Assoc., Inc.**  
**P. O. Box 51174**  
**Lafayette, LA 70505-1174**  
**Website: <http://www.w5ddl.org>**



Share the Fun -  
 Bring a Friend to be a  
 HAM !



COMPLIMENTARY  
 ISSUE

**AARA GENERAL MEETING**  
**Thursday January 5, 2017 - 7:00 PM**  
**VE Testing Tonight @ 6:00 PM**  
**Lafayette Science Museum**  
 Check 146.820 PL 103.5 - repeater for info.



## New Orleans-Style Blackeye Peas

<http://www.camelliabrand.com/recipes/new-orleans-style-black-eyed-peas/>

### Ingredients:

- |   |   |
|---|---|
| 1 (1-pound) package Camellia Brand Black-eye Peas | 1 tablespoon tomato sauce                     |
| 2 tablespoons vegetable oil                       | 10 cups lightly salted water or chicken broth |
| 1 pound pickled pork, cubed to 1/2 inch           | 2 bay leaves                                  |
| 1 large onion, chopped                            | 1 bunch green onions, sliced                  |
| 1 large green bell pepper                         | - Salt, pepper and/or hot sauce, to taste     |
| 3 stalks celery, chopped                          | - Hot cooked rice                             |
| 4 cloves garlic, chopped                          | - Hot buttered French bread                   |

### Directions:

1. Rinse and sort peas. (Optional: Soak beans using your preferred method.)
2. Heat oil in a large pot over medium-high heat. Add pickled pork; sauté 5 minutes or until browned. Add onions, bell pepper, celery, garlic and tomato paste; sauté 15 minutes. Add water or broth and bay leaves; bring to a boil.
3. Add blackeye peas, stir well and return to a low boil; cover, reduce heat and simmer 1½ to 2 hours or until peas are tender, stirring occasionally.
4. If a creamier texture is desired, use the back of a spoon to mash up to one-fourth of the beans and stir well. Adjust seasonings to taste.
5. Serve over hot cooked rice with hot buttered French bread. Garnish with chopped green onions.



## FCC Information Service

Toll Free (WATS) for Amateur Radio license inquiries about new/vanity call signs: 1-888-225-5322 This will connect you the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at: 202-414-1250 or:  
**[ulscomm@fcc.gov](mailto:ulscomm@fcc.gov)**

FCC Website:

**<http://wireless.fcc.gov/uls/>**

New call sign information can also be obtained from the ARRL/VEC at 860-594-3000.

**<http://www.arrl.org/arrlvec>**

The mailing address to the FCC is:

Federal Communications Commission,  
 445 12th Street SW  
 Washington, DC 20554